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File: DWPI

Sep 24, 1993

DERWENT-ACC-NO: 1993-370905
DERWENT-WEEK: 199347
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TITLE: Artificial ligament fixing - comprises screw with cylindro-conical shank and thread which is of non-triangular section to avoid shearing ligament 

INVENTOR: LABOUREAU, J P

PATENT-ASSIGNEE:

ASSIGNEE	CODE
LABOUREAU J P	LABOI

PRIORITY-DATA: 1992FR-0003249 (March 18, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
FR 2688689 A1	September 24, 1993		010	A61F002/08

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
FR 2688689A1	March 18, 1992	1992FR-0003249	

INT-CL (IPC): A61F 2/08

ABSTRACTED-PUB-NO: FR 2688689A

BASIC-ABSTRACT:

The fixing consists of a screw (1), threaded along the whole length of its shank, which is screwed inside a tubular artificial ligament to lock it against the wall of a channel through the bone. The screw shank is cylindrical in shape with a conical tip, and the surface of its thread is non-triangular in section, being e.g. square, trapezoid or rounded.

The head of the screw has a hexagonal recess to take a key. The screw thread pitch can be, for example. 2.25 mm, and the threads can project some 0.6 mm above a 4 mm diameter shank.

ADVANTAGE - Prevents ligament from being sheared by screw thread as it is fixed in place.

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: ARTIFICIAL LIGAMENT FIX COMPRISE SCREW CYLINDER CONICAL SHANK THREAD NON TRIANGLE SECTION AVOID SHEAR LIGAMENT

DERWENT-CLASS: P32

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1993-286380

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